

ABSTRACT OF THE DISCLOSURE

[0043] A method and apparatus that employ a buffer management architecture to address various video quality issues that may occur at a client player are disclosed. The present invention employs one or more buffers to assist in the scheduling and delivery of rendered content to a player's output system. In one embodiment, the system employs a packet buffer, a frame buffer and an image buffer. One useful advantage of the present invention is the control of these buffers to meet a predefined QoS, thereby ensuring factors that may negatively affect the QoS in the real-time transport of high bandwidth content will be minimized.